

HERADESIGN® ALPHA+ Wood Wool Direct Mount Panels



Benefits

- Available in two textures and a wide range of colors for flexible design
- Acoustic fleece backing provides excellent sound absorption performance without the need for additional insulation.
- Durable and impact resistant#
- Sustainable natural ingredients for Green Star contribution
- RH90 humidity resistance with high dimensional accuracy
- Can be applied directly to surfaces such as concrete or plasterboard, or via timber battens or steel stud and track

Application Areas

- Open plan offices
- Restaurants and Hospitality
- Retail spaces
- Gymnasiums, basketball courts and recreational spaces
- Education, including libraries and classrooms
- Auditoriums and multi-function facilities

HERADESIGN® ALPHA WOOD WOOL



HERADESIGN® ALPHA+ Wood Wool Direct Mount Panels



RH90
Humidity
Resistant



Scratch
Resistant



Product
Handling
Durability



Cleanable



Impact
Resistant#



Very Low
Emissions



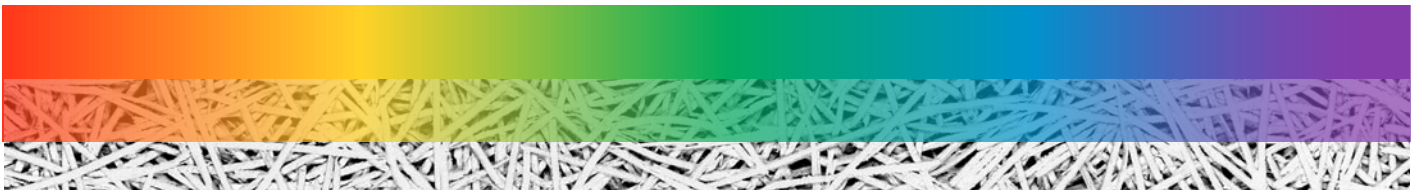
Acoustical
Comfort

Heradesign®

Panel Options		PANEL SIZE (mm) ACTUAL	BEVELED (AK-01) EDGE ON ALL SIDES 15MM THICK BOARD	BEVELED (AK-01) EDGE ON ALL SIDES 25MM THICK BOARD	BEVELED (AK-01) EDGE ON ALL SIDES 35MM THICK BOARD
Pattern – Superfine (Fibre width 1mm) Colour – Natural		600 x 600	HSAAK01060615	HSAAK01060625	HSAAK01060635
		1200 x 600	HSAAK01120615	HSAAK01120625	HSAAK01120635
Pattern – Fine (Fibre width 2mm) Colour – Natural		600 x 600	HFAAK01060615	HFAAK01060625	HFAAK01060635
		1200 x 600	HFAAK01120615	HFAAK01120625	HFAAK01120635

- Notes:**
1. Special items and other sizes available upon request.
 2. For all items: Contact your local Armstrong Ceilings representative for stock availability.
 3. Maximum Panel Size is 2400 x 600mm
 4. # Refer to Installation Guide for Ball Impact construction for gymnasiums.
 5. * Stock Item

COLOUR OPTIONS – REFER TO RAL CHART



EN ISO 354 &
EN ISO 11654

Pattern	NRC	125	250	500	1000	2000	4000	Hz
Fine 15mm	0.70	0.45	0.80	0.75	0.65	0.70	0.80	α_p
Fine 25mm	0.75	0.50	0.75	0.80	0.70	0.80	0.80	α_p
Fine 35mm	0.80	0.45	0.80	0.80	0.80	0.85	0.85	α_p
Superfine 15mm	0.80	0.45	0.80	0.80	0.75	0.85	0.90	α_p
Superfine 25mm	0.85	0.45	0.75	0.90	0.85	0.95	0.95	α_p
Superfine 35mm	0.90	0.45	0.85	0.90	0.90	0.90	0.90	α_p

Notes:

1. The absorption values above are tested with E-200 mounting (Total construction height of 200mm from bottom of ceiling to under side of slab)
2. Contact your Armstrong office for further details, including test reports



Sag Resistance (RH90% at 5°C – 40°C)
Refer to website for additional information



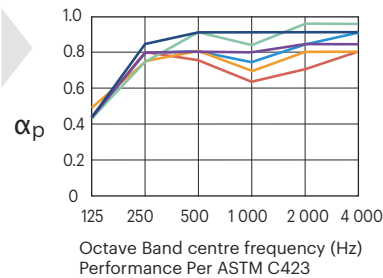
Conforms with NCC Spec. C110 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S



Thermal Insulation (R- Value)
0.15 m²K/W (15mm), 0.25 m²K/W (25mm)
0.35 m²K/W (35mm)



Superfine: 7.8 kg/m² (15mm), 12.8 kg/m² (25mm)
16.5 kg/m² (35mm)
Fine: 8.2 kg/m² (15mm), 13.3 kg/m² (25mm)
17.5 kg/m² (35mm)



- NRC = Fine 15mm
- NRC = Fine 25mm
- NRC = Fine 35mm
- NRC = Superfine 15mm
- NRC = Superfine 25mm
- NRC = Superfine 35mm

Material

Magnesite bonded wood fibres with acoustic fleece

Surface Finish

Factory applied acrylic paint

Visual Consideration

Colour and pattern variation is common across panels due to the natural characteristics of wood

Backloading Recommendation

Contact your local Armstrong Ceilings representative

Suspension Systems

Timber Battens or Stud & Track Systems (supplied by others).

Before ceiling construction starts, refer to Armstrong Heradesign Installation Guide

Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

Indoor Environmental Quality		Materials	
Credit 9 / 10 ACOUSTIC COMFORT	Credit 12 / 13 INDOOR POLLUTANTS	Credit 20.1 / 20.2 RESPONSIBLE BUILDING MATERIALS – Certified Timber	Credit 21-D / 21-D SUSTAINABLE PRODUCTS – Environmental Product Declarations
✓	✓	✓	✓



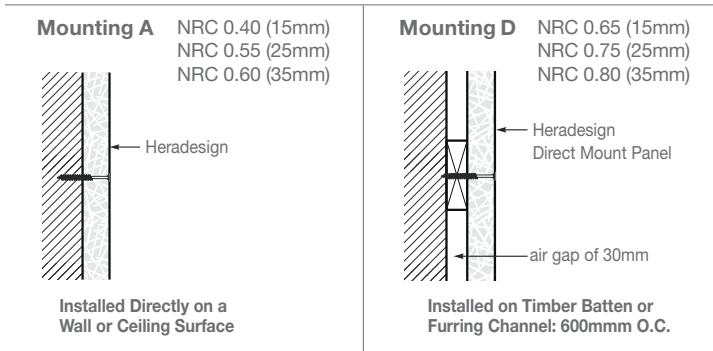
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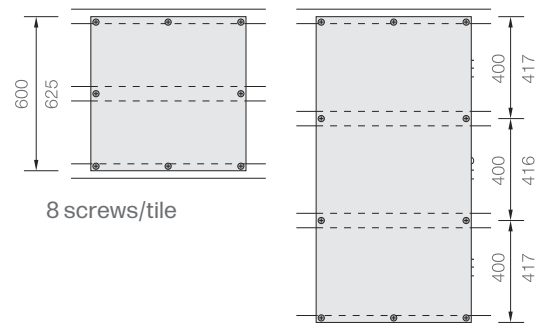
Construction Method

Wall and Ceiling – Direct Mounting Options and Acoustical Performance
(Note: Acoustic values based on Superfine texture)

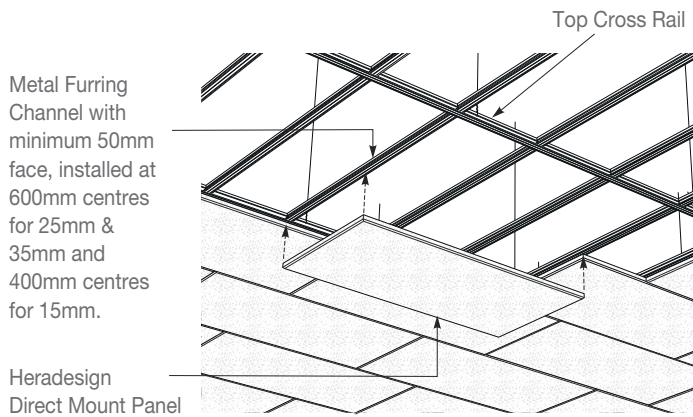
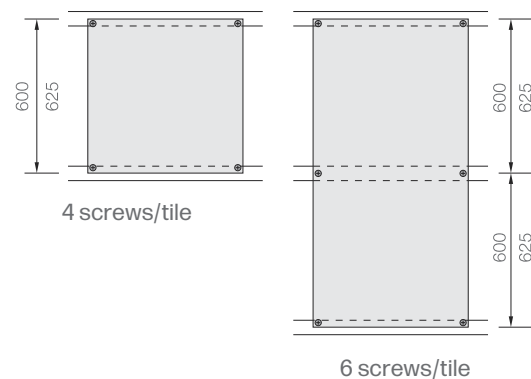
Suspended Ceiling – Direct Mount Panel Configuration



Screw pattern for 15 mm tiles



Screw pattern for 25 mm tiles



Refer to the Armstrong HERADESIGN® Installation Guide for further details, including screw fixing specification for ball impact applications / gymnasiums.

Contact us

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